

Reporting Title: PIK3CA Mutation Analysis, Tumor

Performing Location: Rochester

Necessary Information:

A pathology report (final or preliminary), at minimum containing the following information, **must accompany specimen** for testing to be performed:

- 1. Patient name
- 2. Block number-must be on all blocks, slides, and paperwork (can be handwritten on the paperwork)
- 3. Tissue collection date
- 4. Source of the tissue

Specimen Requirements:

This assay requires at least 20% tumor nuclei.

The amount of tissue needed is dependent on a variety of preanalytical factors (eg, cellularity, ischemic time, fixation). The FFPE input required is equivalent to a 4 to 5 micron slide thickness with a total tumor surface area of 100 mm(2). This can be created by combining material from multiple slides from one tissue block.

Preferred:

Specimen Type: Tissue block

Collection Instructions: Submit a formalin-fixed, paraffin-embedded tissue block.

Acceptable:

Specimen Type: Tissue slide

Slides: 1 stained and 10 unstained

Collection Instructions: Submit 1 slide stained with hematoxylin and eosin and 10 unstained, nonbaked slides with 5-micron thick sections of the tumor tissue.

Forms:

[If not ordering electronically, complete, print, and send an Oncology Test Request](#) (T729) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)		
	Refrigerated		

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
616654	Result Summary	Alphanumeric		50397-9
616655	Result	Alphanumeric		82939-0
616656	Interpretation	Alphanumeric		69047-9
616657	Additional Information	Alphanumeric		48767-8
616658	Specimen	Alphanumeric		31208-2
616659	Source	Alphanumeric		31208-2
616660	Tissue ID	Alphanumeric		80398-1

616661	Released By	Alphanumeric	18771-6
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LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

81309

Reference Values:

An interpretive report will be provided